

Figure 1A

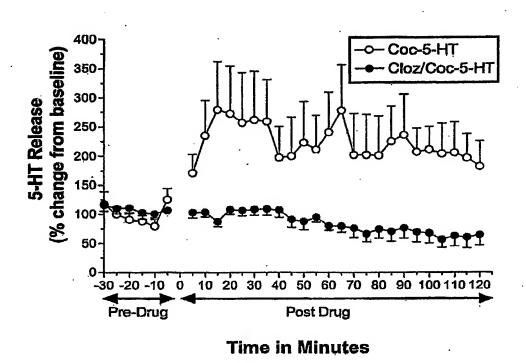


Figure 1B

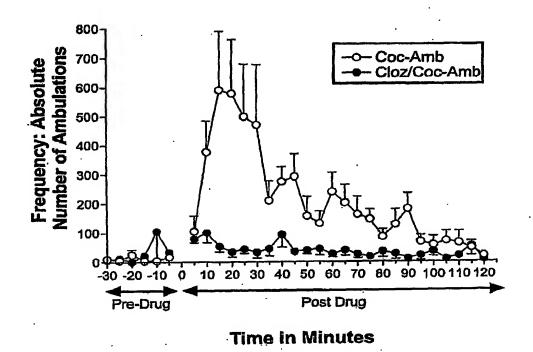


Figure 1C

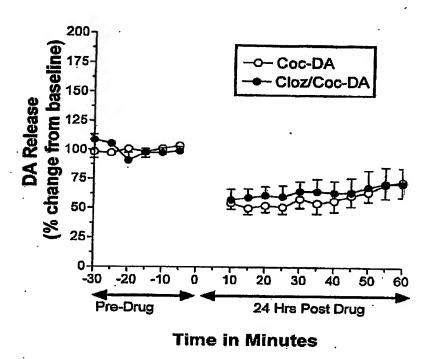


Figure 2A

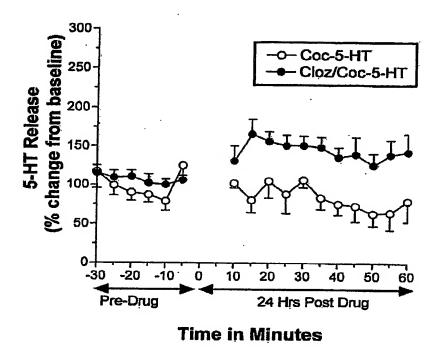


Figure 2B

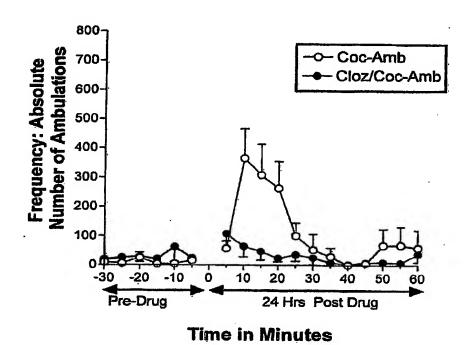


Figure 2C

Y INTRODUCTION

- > SCHIZOPHRENIC PSYCHOSIS COCAINE PSYCHOSIS
 - a) NEUROCHEMISTRY EDEBERVIOR
- ATYPICAL ANTIPSYCHOTICS
 - : CLOZAPINE (PROTOTYPE ATYPICAL)
 - a)DAANDSHEREEEASE IN NAC
 - b) PSYCHOSTIMUEAN FBEHAVIOR
 - KETANSERIN (A SELECTIME SHE A). ANTAGONIST) a).DA AND SETERELEASE IN NAC
 - b) PSYCHOS EMUEANT BEHAVIOR



Figure 3A

MIDINICIDS

- >= <u>#X4V#VO</u>EMECROXOFTAMMETRY
- BRODERICK PROBE Taurie acid microelectrodes
- > LOCOMOTOR BEHAVIOR
- ZINTRARIED PHOTOBEAMS (SZUDIEGOZUSURUMENTS CA)



Figure 3B

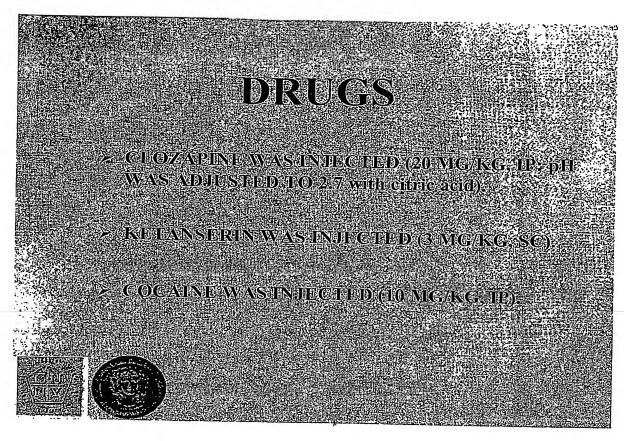


Figure 3C

10/28

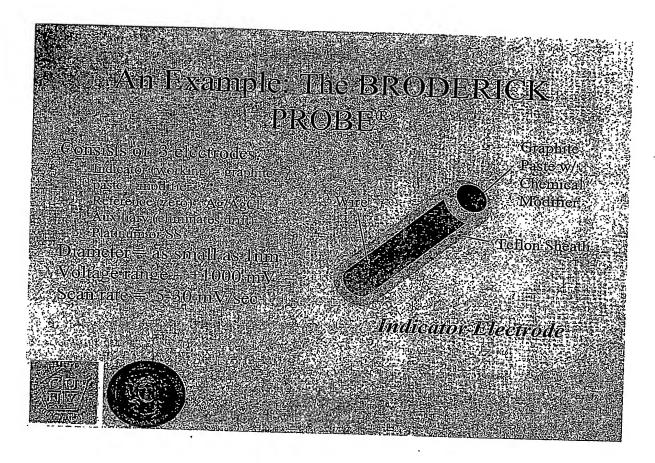


Figure 3D

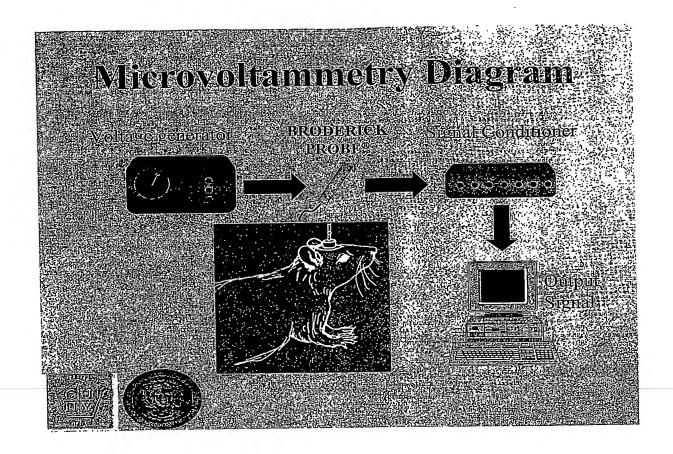


Figure 3E

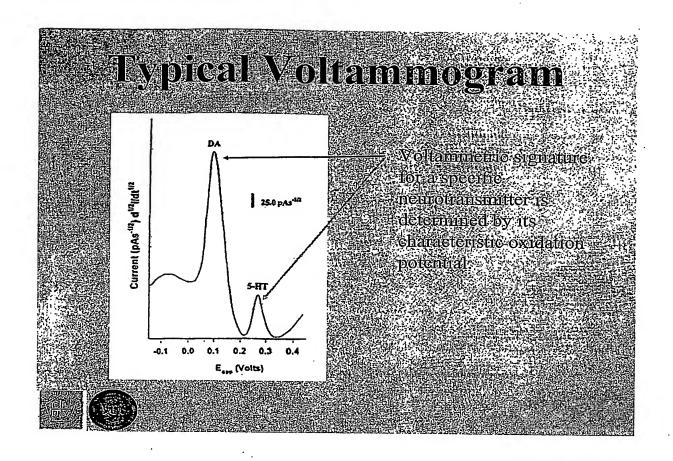


Figure 3F

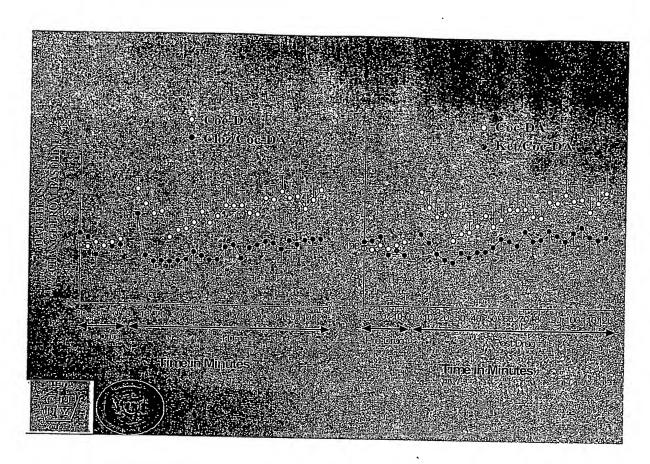


Figure 3G

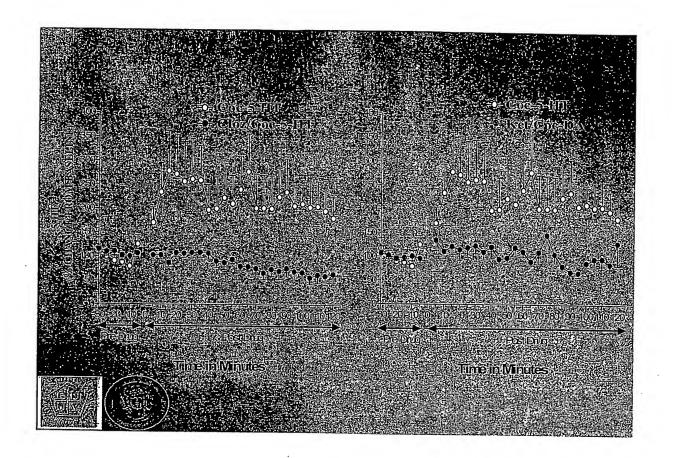


Figure 3H

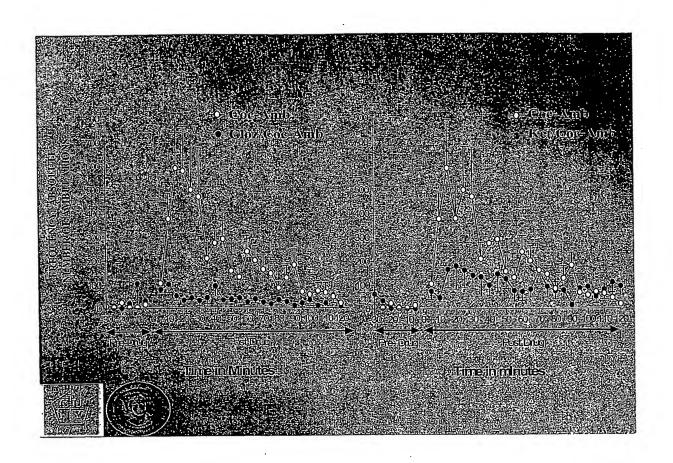


Figure 31

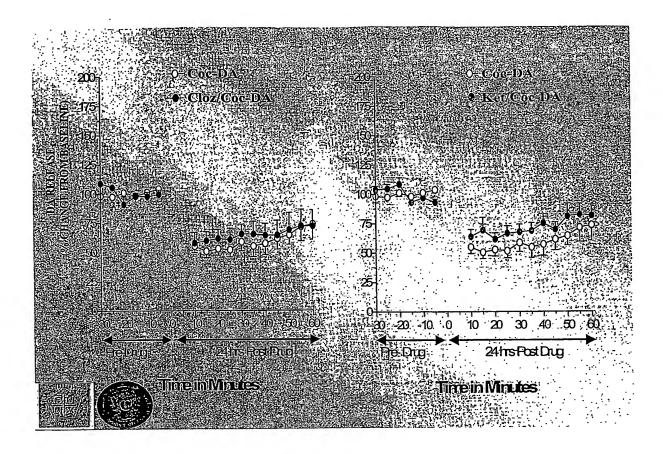


Figure 3J

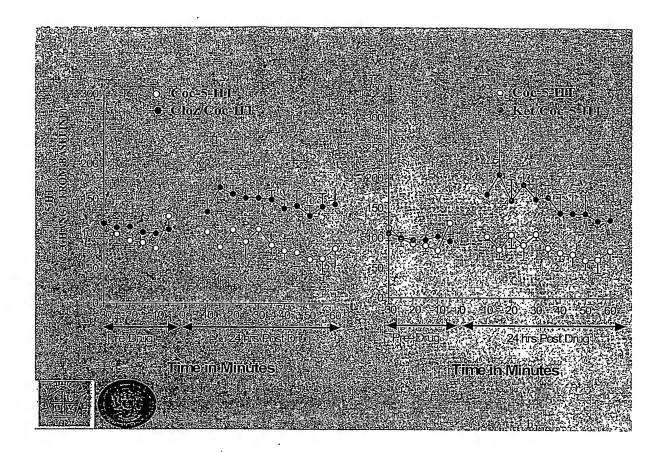


Figure 3K

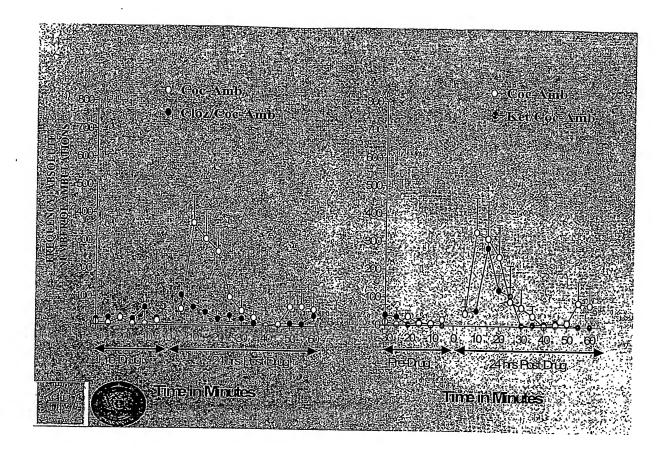


Figure 3L

CONCIUSIONS

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- A): COCAINE BRODUCED IN CREASES IN DA AND 5-HT RELEASE IN N_{ACG} AND INCREASED BEHAVIOR
- b) BOTHCEOZAPINE AND RETAINSERIN BLOCKED COCAINE INDUCED DA; 5-HT-RELEASE IN N_{ACC} AND COCAINE INDUCED BEHAVIOR
- c) THUS MECHANISM OF CLOZAPINE ON COCAINE BLOCKADE SUGGESTS 5-HT, AND MEDIATION:



Figure 3M

CONCLUSIONS (II) SUBAGUTE STUDIES:

- a) COCAINE PRODUCED WIFEDRAWAL RESPONSES IN BLOCENIC AMINES. BUT NOT IN BEHAVIOR
- b) BGTH CLOZAPINE AND KETANSERIN DECREASED DA AND BOTH INCREASED 5-HT-RELEASE IN N_{ACC}
- e) THUS PRESYNAPTIC BIOGENIC AMINE (5-HT_{2A/2C}) -EFFECTS WERE SEPARATED FROM POSTSYNAPTIC BEHAVIOR (DAY) EFFECTS
- d) CLOZAPINE'S SEDATINE EFFECT MAY PLAY A ROLE IN THE SUBACUTE BEHAVIOR RESPONSE



Figure 3N

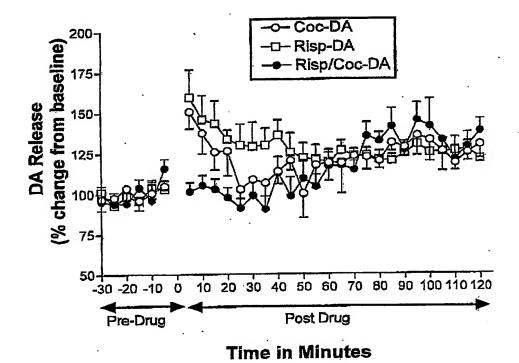


Figure 4A

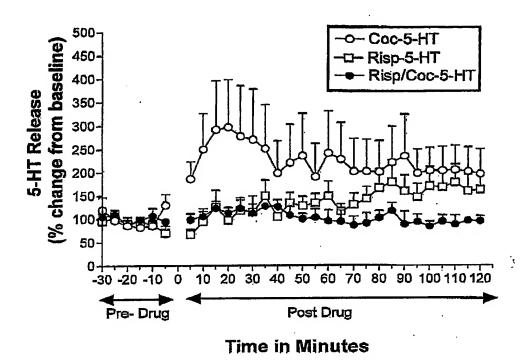


Figure 4B

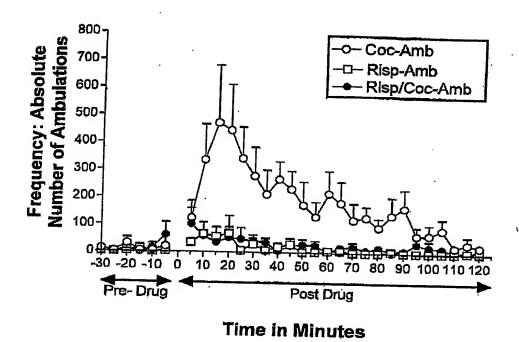


Figure 4C

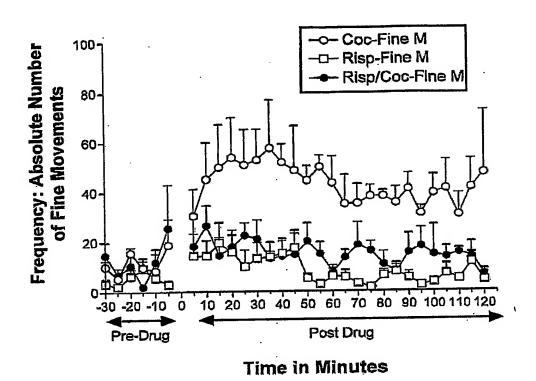


Figure 4D

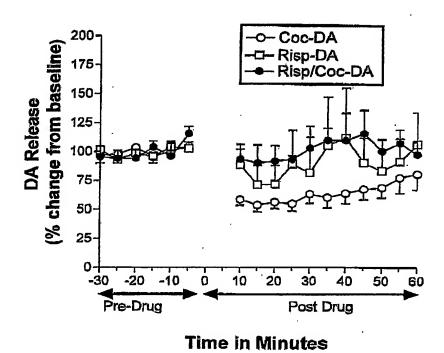


Figure 5A

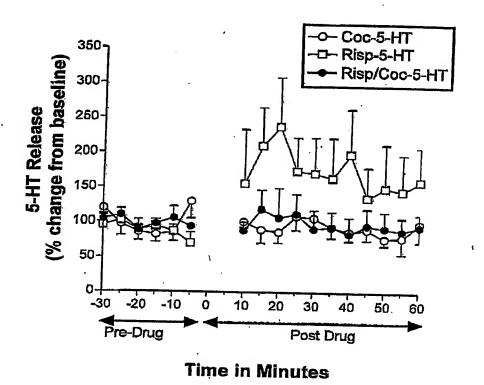
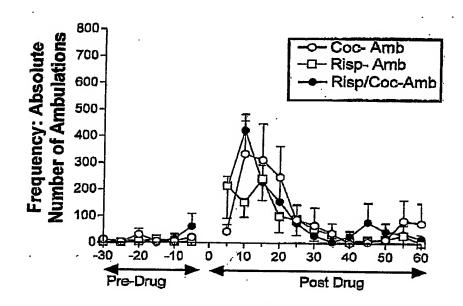


Figure 5B



Time in Minutes

Figure 5C

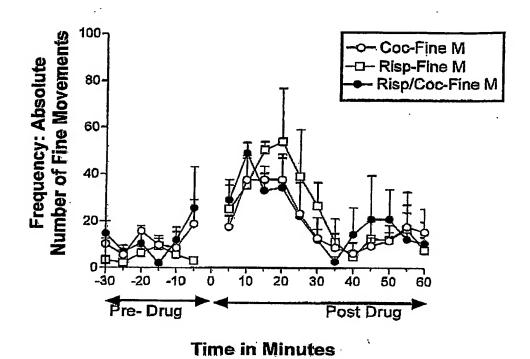


Figure 5D

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